

EUROCAST 2017 FINAL PROGRAM

REGISTRATION: Sunday February 19 from 15:00 to 19:00 and all Conference days at office hours.

| | Monday February 20 | | | | Tuesday February 21 | | | | Wednesday February 22 | | | | Thursday February 23 | | | | Friday February 24 |
|-------|-------------------------------|------|------|------------|--------------------------------|------|------|---|--------------------------|------------|------|-------|---|-------|------|------|---------------------------------------|
| 9 | OPENING SESSION | | | | Maynar | | | | Astola | | | | 17.11 | 11.8 | 12.1 | 1.15 | EUROCAST BOARD Meeting |
| 9:30 | | | | | | | | | | | | | 17.12 | 11.9 | 12.2 | 1.16 | |
| 10 | Müller-Schloer | | | | 5.13 | 1.1 | 7.1 | 13.1 | 17.1 | 11T | 2.1 | 16.1 | 17.13 | 11.10 | 12.3 | 1.17 | |
| 10:30 | | | | | 5.14 | 1.2 | 7.2 | 13.2 | 17.2 | | 2.2 | 16.2 | 17.14 | 11.11 | 1.18 | | |
| 11 | Coffee Break | | | | | | | | | | | | | | | | |
| 11:30 | 5.1 | 3.1 | 14.1 | 10.1 | 5.15 | 1.3 | 7.3 | 13.3 | 17.3 | 11.1 | 2.7 | 16.3 | 17.15 | 11.12 | 12.5 | 1.10 | |
| 12 | 5.18 | 3.2 | 14.2 | 10.2 | 5.16 | 1.4 | 7.4 | 13.4 | 17.4 | 11.2 | 2.8 | 16.4 | 11.13 | 12.6 | | | |
| 12:30 | 5.3 | 3.3 | 14.3 | 10.3 | 5.17 | 1.5 | 7.5 | 13.5 | 17.5 | 11.3 | 2.9 | 16.5 | 11.14 | 12.7 | | | |
| 13:00 | 5.4 | 3.4 | | 10.4 | 5.2 | 1.6 | 7.6 | 13.6 | 17.6 | 11.4 | 2.10 | 14.4 | | | | | |
| 15 | 5.5 | 3.5 | 14.5 | 10.5 | 5.19 | 1.7 | 7.7 | 13.7 | 5.27 | 11.5 | 2.3 | 17.7 | Guided Visit to Vegueta (Old City) | | | | |
| 15:30 | 5.6 | 3.6 | 14.6 | 10.6 | 5.20 | 1.8 | 7.8 | 13.8 | 5.28 | 11.6 | 2.4 | 17.8 | | | | | |
| 16 | 5.7 | 3.7 | 14.7 | 10.7 | 5.21 | 1.9 | 7.9 | 13.9 | 5.29 | 11.7 | 2.5 | 17.9 | | | | | |
| 16:30 | 5.8 | 3.8 | 14.8 | 10.10 | 5.22 | | 7.10 | 13.10 | 5.30 | | 2.6 | 17.10 | | | | | |
| 17 | Coffee Break | | | | | | | | | | | | | | | | |
| 17:30 | 5.9 | 3.9 | 15.1 | 10.11 | 5.23 | 1.11 | 6.1 | Guided Visit to Vegueta (Old City) | | | | | | | | | |
| 18 | 5.10 | 3.10 | 15.2 | 10R | 5.24 | 1.12 | 6.2 | | | | | | | | | | |
| 18:30 | 5.11 | 3.11 | 15.3 | | 5.25 | 1.13 | | | | | | | | | | | |
| 19 | 5.12 | 3.12 | | 5.26 | 1.14 | | | | | | | | | | | | |
| 19:30 | | | | | | | | | | | | | | | | | |
| 20 | Elder Museum Reception | | | | Elder Museum Projection | | | | Conference Dinner | | | | | | | | |

First Column (left to right) for each day is in Room A, second in Room B, third in Room C and fourth in Room D

| Workshops | | |
|-------------------|---|-------------------|
| IdWorkshop | Title | Days |
| 1 | Systems Theory and Applications | 21, 23 |
| 2 | Pioneers and Landmarks in the development of Information and Communication Technologies | 22 |
| 3 | Stochastic Models and Applications to Natural, Social and Technical Systems | 20 |
| 5 | Theory and Applications of Metaheuristic Algorithms | 20, 21, 22 |
| 6 | Embedded Systems Security | 21 |
| 7 | Model-Based System Design, Verification and Simulation | 21 |
| 10 | Systems in Industrial Robotics, Automation and IoT | 20 |
| 11 | Applications of Signal Processing Technology | 22, 23 |
| 12 | Algebraic and Combinatorial Methods in Signal and Pattern Analysis | 23 |
| 13 | Computer Vision, Deep learning and Applications | 21 |
| 14 | Computer and Systems Based Methods and Electronic Technologies in Medicine | 20 |
| 15 | CyberMedical Systems | 20 |
| 16 | Socio-economic and Biological Systems. Formal Models and Computer tools | 22 |
| 17 | Intelligent Transportation Systems and Smart Mobility | 22, 23 |

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| I.M. | Abuamer | Comparative Performance Analysis of Variable Speed Limit Systems Control Methods Using Micro-Simulation: A Case Study on D100 Freeway, Istanbul | 17.13 |
| M. | Abundo | Some Remarks on the Mean of the Running Maximum of Integrated Gauss-Markov Processes and Their First-Passage Times | 3.11 |
| M. | Abundo | Some Remarks on the Mean of the Running Maximum of Integrated Gauss-Markov Processes and Their First-Passage Times | 3.11 |
| M. | Aburaia | Smart Manufacturing in the Digital Factory - A Practical Case Study of an Industrie 4.0 Implementation | 10.11 |
| M. | Affenzeller | Metrics for the Evaluation and Comparison of Graphical Model Structures | 5.4 |
| M. | Affenzeller | Optimization Networks for Integrated Machine Learning | 5.19 |
| M. | Affenzeller | A General Solution Approach for the Location Routing Problem | 5.1 |
| M. | Affenzeller | Sliding Window Symbolic Regression for Predictive Maintenance using Model Ensembles | 5.30 |
| M. | Affenzeller | Integrating Exploratory Landscape Analysis into Metaheuristic Algorithms | 5.29 |
| M. | Affenzeller | Solving the Traveling Thief Problem using Orchestration in Optimization Networks | 5.8 |
| M. | Affenzeller | Analysis and Visualization of the Impact of Different Parameter Configurations on the Behavior of Evolutionary Algorithms | 5.25 |
| M. | Affenzeller | Analysing a Hybrid Model-Based Evolutionary Algorithm for a Hard Grouping Problem | 5.13 |
| M. | Affenzeller | Analysis of Schema Frequencies in Genetic Programming | 5.24 |
| M. | Affenzeller | Offspring Selection Genetic Algorithm Revisited: Improvements in Efficiency by Early Stopping Criteria in the Evaluation of Unsuccessful Individuals | 5.23 |
| M. | Affenzeller | Genetic Algorithms with Persistent Data Structures - A Perfect Match | 5.22 |
| R. | Aguasca-Colomo | Secure UAV-Based System to Detect and Filter Sea Objects using Image Processing | 1.13 |
| E. | Aguilar | Exploring Food Detecting using CNNs | 13.10 |
| G. | Albano | Estimating the Exceedance Probability in Environmental Data | 3.4 |
| G. | Albano | Estimating the Effect of a Therapy in a Gompertz-type Diffusion Process | 3.8 |
| K. | Aldabas | Approaching Emergency Vehicle Warning (AEVW) | 17.3 |
| M. | Alemán-Flores | Filtering and Segmentation of Retinal OCT Images | 13.3 |
| R. | Alemán-Flores | Filtering and Segmentation of Retinal OCT Images | 13.3 |
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| M. | Ali-Silgu | Vehicular Emissions Based Environmental Impact Assessment of Transportation Networks: A Case Study Analyzing Mobility Patterns of a University Campus | 17.15 |
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| J. | Altenburg | PIRX3D - Pilotless Reconfigurable Experimental UAV | 1.16 |
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| R. | Alvarez-Sanchez | A Comparative Study for Real-Time Streaming Protocols Implementations | 1.4 |
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| J.M. | Armingol | Stereo Vision-Based Convolutional Networks for Object Detection in Driving Environments | 17.6 |
| J. | Astola | Gibbs Dyadic Differentiation on Groups - Evolution of the Concept | 12.1 |
| J. | Astola | Remarks on Permutation Matrices Related to Gibbs Characterization of Bent Functions | 12.6 |
| A. | Attenberger | A Real-Time Classification System for Upper Limb Prosthesis Control in MATLAB | 14.2 |
| C. | Backfrieder | Effects of Cooperative Lane-Change Behaviour on Vehicular Traffic Flow | 17.12 |
| S. | Baez | Variable Neighborhood Search for a Parallel Machine Scheduling Problem with Dependent Setup Times | 5.18 |
| G. | Barbieri | A Student Group in University of Los Andes for Modern Mechatronics | 10.3 |
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| C. | Böck | Global Decision Making for Wavelet Based ECG Segmentation | 11.8 |
| C. | Böck | From Heart Rate Variability to Autonomic Nervous System - Poincaré Plot vs. Spectral Analysis | 11.11 |
| R. | Boel | Flexible Hierarchical Feedback Control of Urban Traffic | 17.9 |

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| W. | Bożejko | Steganographic Data Heritage Preservation Using Sharing Images App | 1.11 |
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